

## Electronic Acknowledgement Receipt

|   |                                      |
|---|--------------------------------------|
| <b>EFS ID:</b>                              | 1835637                              |
| <b>Application Number:</b>                  | 10507475                             |
| <b>International Application Number:</b>    |                                      |
| <b>Confirmation Number:</b>                 | 1274                                 |
| <b>Title of Invention:</b>                  | Phase-change memory device           |
| <b>First Named Inventor/Applicant Name:</b> | Haruki Toda                          |
| <b>Customer Number:</b>                     | 26021                                |
| <b>Filer:</b>                               | Marvin Jay Spivak/Nancy Connell      |
| <b>Filer Authorized By:</b>                 | Marvin Jay Spivak                    |
| <b>Attorney Docket Number:</b>              | 89165.0017                           |
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| <b>Time Stamp:</b>                          | 15:16:01                             |
| <b>Application Type:</b>                    | U.S. National Stage under 35 USC 371 |

### Payment information:

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| Submitted with Payment | no |
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### File Listing:

| Document Number | Document Description | File Name         | File Size(Bytes) | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|-------------------|------------------|------------------|------------------|
| 1               |                      | 310067USPower.pdf | 413426           | yes              | 3                |

|  | Multipart Description/PDF files in .zip description |       |     |
|--|---|-------|-----|
|  | Document Description                                | Start | End |
|  | Power of Attorney                                   | 1     | 1   |
|  | Assignee showing of ownership per 37 CFR 3.73(b).   | 2     | 2   |
|  | Change of Address                                   | 3     | 3   |

**Warnings:**

**Information:**

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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